ABSTRACT

A polyester multifilament yarn having an individual filament thickness of 0.3 to 2.0 dtex, a total thickness of 90 dtex or less and a silk factor of 22 or more, can be obtained from a polyester polymer produced by polycondensing an aromatic dicarboxylate ester in the presence of a catalyst which comprises a mixture of a Ti compound component (A) comprising at least one member selected from titanium alkoxides and reaction products of the titanium alkoxides with carboxylic acids or anhydrides thereof, with a specific P compound component (B), and/or a reaction product of the Ti compound component (A) for the mixture with a specific P compound component (D), the resultant yarn having a good color tone (a low b* value) and an excellent weaving or knitting property and a good dyeing processability.